Exposure: The board must be exposed before developing; see chart for recommended light sources and times. Chart included inside package. Boards can be exposed using fluorescent desk lamp, Datak No. ER39 photoflood bulb, sunlamp, or sunshine. The protective film on the board's surface must be removed before exposure. Clamp your positive tightly on top of the board's photo resist in an exposure frame. The board may be handled in regular light for cutting to size when protective film is in place. When removing protective film; be sure to be in safelight (yellow light) condition.

Developing: Mix Datak Developer concentrate (either No. 12-402 or No. 12-406) ten parts warm tap water to one part concentrate. Use only a plastic or glass tray to develop. The circuit will appear quite clearly. When developing is complete, rinse for one minute in COLD tap water.

Etching: Inspect the board before etching to see if there are any breaks in the protective resist, which could cause breaks in the circuit. Touch up any bare spots with a Datak etch resist pen to protect the copper during etching. Etch the board with Datak Ferric Chloride etchant or equivalent.

REMOVE THE ETCH RESIST. Use a solvent and soft cloth or paper towel. Solvents that work are xylene, toluene, and nail polish remover (non-acetone types suggested).

Full instructions included inside package.